



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Case No. 00-1123-D)

|                                           |   |                           |
|-------------------------------------------|---|---------------------------|
| In re Application of:                     | ) |                           |
| Cunningham, et al.                        | ) |                           |
| Serial No.: 09/930,352                    | ) | Examiner: Yang, Nelson C. |
| Filed: August 15, 2001                    | ) | Art Unit: 1641            |
| For: A Label-Free High-Throughput Optical | ) | Conf. No.: 3472           |
| Technique for Detecting Biomolecular      | ) |                           |
| Interactions                              | ) |                           |

**AMENDMENT AFTER FINAL**

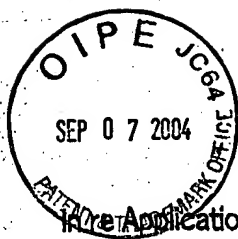
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is filed in response to the final office action mailed on July 2, 2004. It is believed that no fee is due in connection with this filing; however if a fee is due the Commissioner is authorized to charge our Deposit Account number 13-2490.

Amendments to the claims begin on page 2 of this paper.

Remarks/Arguments begin on page 28 of this paper.



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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(MBHB Case No. 00-1123-D)

Application of:

Cunningham, et al.

Serial No.: 09/930,352

Filed: August 15, 2001

For: A Label-Free High-Throughput Optical  
Technique for Detecting Biomolecular  
Interactions

Group Art Unit: 1641

Examiner: Yang, Nelson C.

**TRANSMITTAL LETTER**

**BEST AVAILABLE COPY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

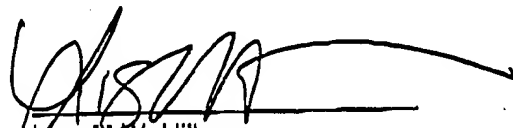
In regard to the above-identified application:

1. We are transmitting herewith the attached
  - a. Response to final Office Action dated July 2, 2004;
  - b. Return Receipt Postcard
2. It is believed no fee is due at this time. Please charge any additional fees or credit overpayment to Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
3. CERTIFICATE OF MAILING UNDER 37 CFR §1.8: The undersigned hereby certifies that this Transmittal Letter and the paper described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 1, 2004.

Respectfully submitted,  
McDonnell Boehnen Hulbert & Berghoff LLP

Date: September 1, 2004

By:

  
Lisa M.W. Hillman  
Reg. No. 43,673

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